



Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)

IDENTITY (As Used on Label and List)
ARDEX S-48

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

ARDEX INC.

Emergency Telephone Number

(724) 857-6400

Address (Number, Street, City, State and Zip Code)

400 Ardex Park Drive

Allquippa, PA 15001

U.S.A.

Telephone Number for Information

(724) 857-6400

Date Prepared

01/08/2001

Signature of Preparer (Optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
40% MAX PORTLAND CEMENT 65997-15-1	10 MG/M ³	10 MG/M ³		
45% CALCIUM CARBONATE 1317065-3	N/A	30 MPPCF		
20% MAX VINYL ACETATE COPOLYMER 24937-78-8	10 MG/M ³	10 MG/M ³		

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.2
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

LESS THAN 50G/1000 CM³

Appearance and Odor

Fine White Powder - Odorless

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NON-FLAMMABLE	NON-FLAMMABLE	N/A	N/A

Extinguishing Media

WILL NOT BURN

Special Fire Fighting Procedures

NONE

Unusual Fire and Explosion Hazards

NONE REQUIRED WITH THIS PRODUCT.

Section V – Reactivity Data

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid	N/A
	Stable	<input checked="" type="checkbox"/>	NONE	
Incompatibility (<i>Materials to Avoid</i>)				
NONE				
Hazardous Decomposition or Byproducts				
NONE				
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid	
	Will Not Occur	<input checked="" type="checkbox"/>	NONE	

Section VI – Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	YES	N/A	DO NOT INGEST
Health Hazards (<i>Acute and Chronic</i>): Excessive or long-term exposure may cause Pneumoconiosis (Silicosis) MAY CAUSE IRRITATION TO NOSE, THROAT, AND RESPIRATORY PASSAGES.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	N/A
Signs and Symptoms of Exposure: EXPOSURE TO SKIN OR EYES MAY CAUSE RASH OR IRRITATION.			
Medical Conditions Generally Aggravated by Exposure: Allergies to Portland Cement or individuals with respiratory diseases or subject to eye irritation.			
Emergency First Aid Procedures: Gross Inhalation: remove to fresh air. If breathing stops or is difficult, seek medical attention. Skin: no first aid is required. Wash with soap and water. Eyes: flush with water, seek medical attention.			

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Collect using dustless method (HEPA vacuum or wet method). Where appropriate-protective equipment. Collect for disposal.
Waste Disposal Method
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS.
Precautions to Be Taken in Handling and Storing
NONE. STORE IN A COOL, DRY AREA. USE NORMAL PRECAUTIONS AGAINST BAG BREAKAGE. USE GOOD HOUSEKEEPING TO PREVENT DUST ACCUMULATION.
Other Precautions
DO NOT BREATHE DUST.

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>): Yes. Suitable NIOSH approved respiratory protection for respirable Silica.		
Ventilation	Local Exhaust	Special
	AS REQUIRED	N/A
	Mechanical (<i>General</i>)	Other
	N/A	N/A
Protective Gloves	Eye Protection	
RECOMMENDED	RECOMMENDED	
Other Protective Clothing or Equipment		
AS APPROPRIATE FOR WORK ENVIRONMENT.		
Work/Hygienic Practices		
DUSTY CLOTHING SHOULD BE LAUNDERED BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP AND WATER TO REMOVE DUST.		